



Specifications

Circuit:	11 Transistor Superheterodyne
Frequency Coverage:	FM 86.5—108 Mc (3.53—2.78 m) MW 530—1,605 Kc (566—187 m) LW 150—350 Kc (2,000—857 m)
Intermediate Frequency:	FM 10.7 Mc AM 455 Kc
Antenna System:	FM Two built-in Telescopic Antennas External Antenna Jacks AM Ferrite Bar Antenna One built-in Telescopic Antenna (left) External Antenna Jack (left)
Maximum Sensitivity (at 10mW output):	FM 1 μ V/m MW 22 μ V/m LW 63 μ V/m
Selectivity:	MW 33 dB at 10 Kc off resonance, at 1,400 Kc LW 40 dB at 10 Kc off resonance, at 320 Kc
Output Power:	900 mW (undistorted), 2.68V across 8 Ω load
Speaker:	4" PM Dynamic, 8 Ω
Battery:	Four Size "D" Flashlight Batteries (6 Volts)
Current Drain:	18 mA (AM), 24 mA (FM) at zero signal 240 mA at 700 mW output
Dimensions:	10-3/4" \times 8-1/4" \times 3-3/8" (273 \times 208 \times 86 mm)
Weight:	6.4 lbs (2.9 kg)

Adjustments

a) Frequency Coverage Adjustment

	Lower Limit	Adjust	Upper Limit	Adjust
FM	85.5 Mc	Core and Gap of FM OSC Coil (L ₄)	109.5 Mc	FM OSC Trimmer (C ₄)
MW	520 Kc	Core of MW OSC Coil (L ₆)	1,680 Kc	MW OSC Trimmer (C ₆₋₁)
LW	145 Kc	Core of LW OSC Coil (L ₇)	360 Kc	LW OSC Trimmer (C ₆₋₂)

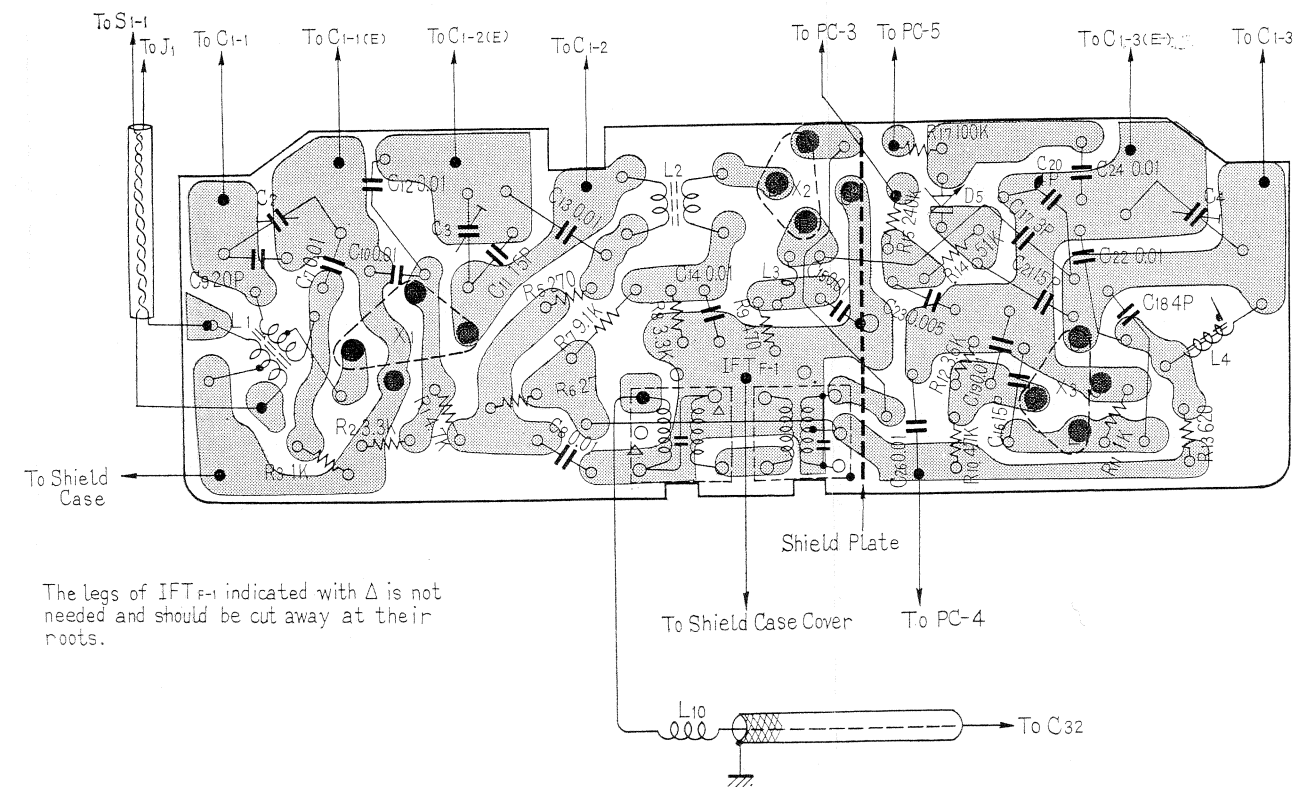
b) Tracking Adjustment

	Lower Checking Point	Adjust	Upper Checking Point	Adjust
FM	85.5 Mc	Core of FM RF Coil (L ₂) Core of FM ANT Coil (L ₁)	109.5 Mc	FM RF Trimmer (C ₃) FM ANT Trimmer (C ₂)
MW	620 Kc	Position of MW ANT Coil (L ₅₋₁)	1,400 Kc	MW ANT Trimmer (C ₅₋₁)
LW	160 Kc	Position of LW ANT Coil (L ₅₋₂)	320 Kc	LW ANT Trimmer (C ₅₋₂)

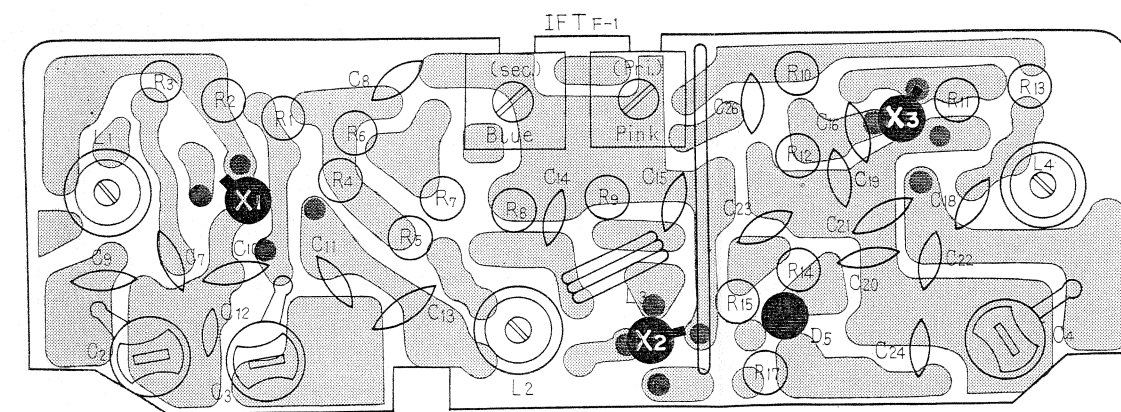
Mounting Diagram

FM Tuner Section

—Printed Side—

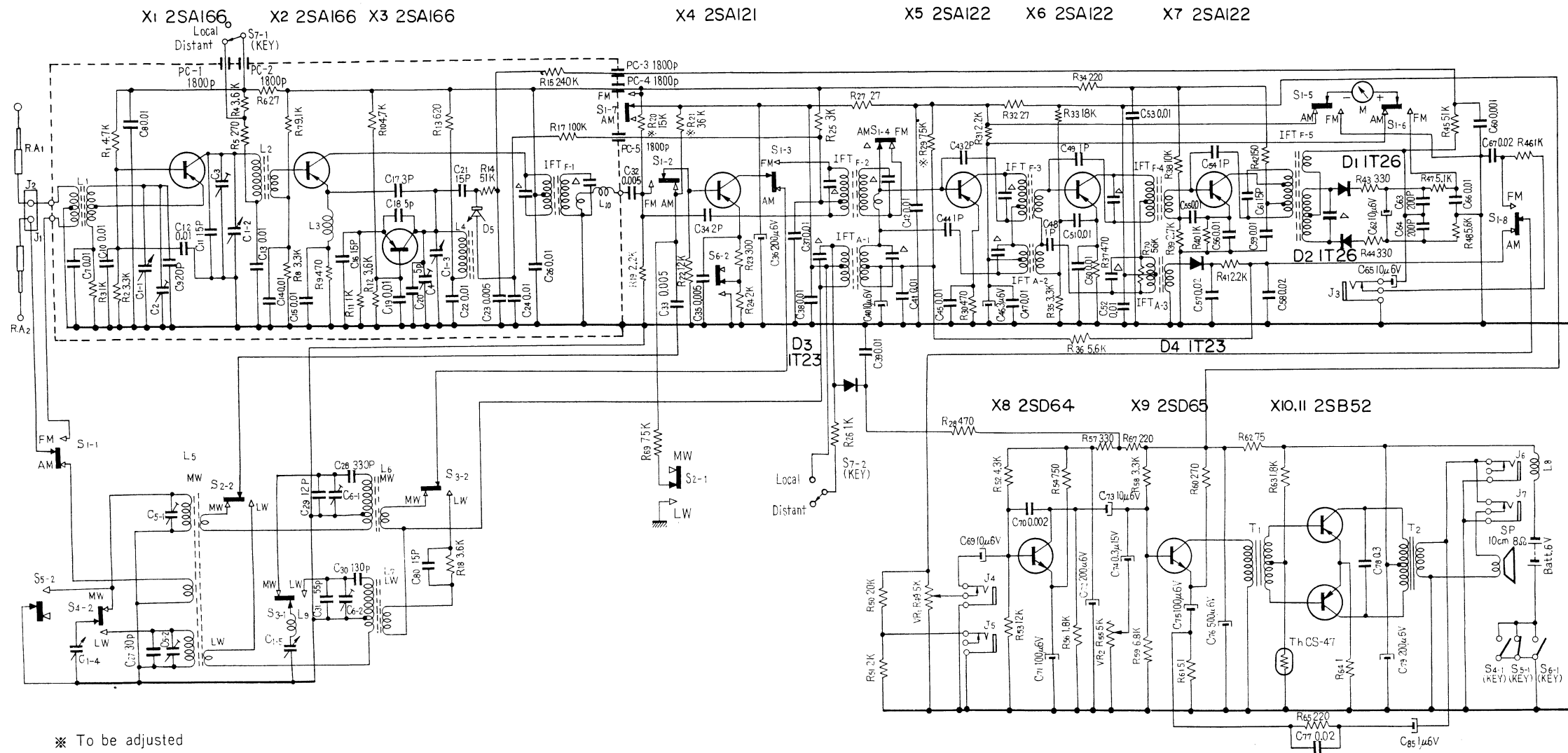


—Parts Side—



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Schematic Diagram

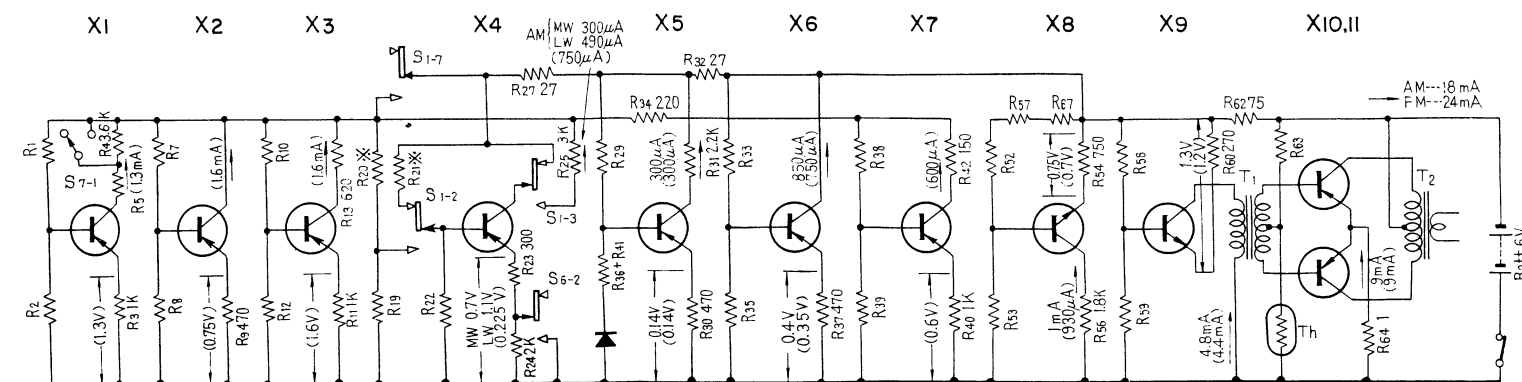


※ To be adjusted

Capacitors marked with Δ are built in relative IF Transformers.

C20, 27, 86, 87 : Used in some sets for adjustment purpose.

Voltage and Current Distribution Chart at Zero Signal



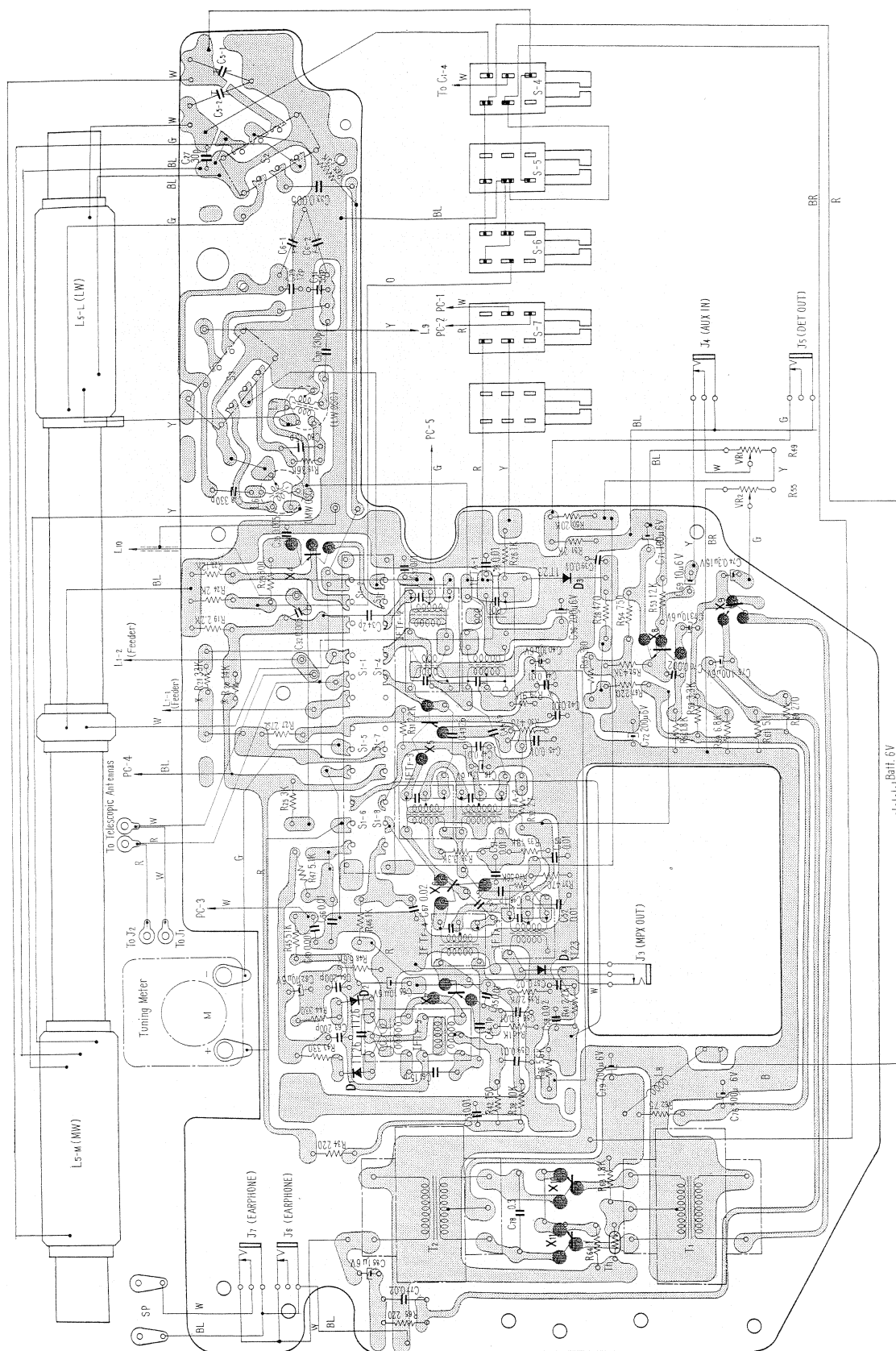
Values in the parenthesis are for "FM."

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Mounting Diagram

IF • AF Section

—Printed Side—



Mounting Diagram

IF - AF Section

—Parts Side—

